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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



02/011707 A3

(54) Title: DRUGS FOR INCONTINENCE

(57) Abstract: Use in the incontinence of one or more of the following classes of drugs selected from the following: B) salified and non salified nitric oxide-donor drugs, of formula: A - X₁ - N(O)₂, B') nitrate salts of drugs used for the incontinence, and which do not contain in the molecule a nitric oxide donor group; C) organic or inorganic salts of compounds inhibiting phosphodiesterases.

al Application No PCT/EP 01/08734

Relevant to claim No.

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K31/04 A61P13/00 A61K31/416 A61K31/472 A61K31/216 A61K31/137 A61K31/4409 A61K31/352 A61K31/44 A61K31/519 A61K31/453 A61K31/215

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Category °

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

Citation of document, with indication, where appropriate, of the relevant passages

EPO-Internal, WPI Data, PAJ, BIOSIS, CHEM ABS Data, MEDLINE, EMBASE, PASCAL

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*A" docume consider the consider the consider the country which citation "O" docume other "P" docume later the consider the country the co	her documents are listed in the continuation of box C. lagories of cited documents: and defining the general state of the art which is not lered to be of particular relevance document but published on or after the international late and the state of the stabilish the publication date of another no rother special reason (as specified) ent referring to an oral disclosure, use, exhibition or means art published prior to the international filing date but an the priority date claimed 2 July 2002	Patent family members are listed "T" later document published after the inte or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cannot be considered to involve an in document is combined with one or manents, such combination being obvious in the art. "&" document member of the same patent. Date of mailing of the international sat	omational filing date the application but early underlying the stalmed invention the considered to current is taken alone stalmed invention ventive step when the ore other such docu- us to a person skilled family arch report
Name and a	mailing eddress of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Rodriguez-Palmero	, M

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0.10		PCT/EP 01/08734
C.(Continua Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Industrial A
Category	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No.
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		PCI/EP 01/08/34
C.(Continu Category *	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Category	Cization of Cocamoni, was indicated, interest appropriate, or the followant passages	TODOVAIR TO GRAIN NO.
χ .	US 5 436 233 A (LEE SUNG J ET AL) 25 July 1995 (1995-07-25) * see in particular column 18, table 1 and column 80, example 18 *	14
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A	SULLIVAN J ET AL: "Pharmacological management of incontinence." EUROPEAN UROLOGY, vol. 36, no. SUPPL. 1, June 1999 (1999-06), pages 89-95, XP001094443 Pre-Congress Satellite Symposium on al-Adrenoceptors as Targets for Therapeutic Agents in Urology in connection with the XIIIth Congress of Pharmacology; Paris, France; Munich, Germany; July 23-24, 1998; July 26, 1998 ISSN: 0302-2838 * see in particular p. 89, right column, 3rd paragraph; p. 92, left column, 2nd last paragraph *	12-15
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.....national application No. PCT/EP 01/08734

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 1-11 because they relate to subject matter not required to be searched by this Authority, namely: The present claims 1-11 concern subject-matter considered by this Authority to be covered by the provisions of Rule 39.1(iv) PCT and have therefore not been
searched. 2. X Claims Nos.: 12-15 (all of them partially) because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple Inventions in this international application, as follows:
see additional sheet
As a result of the prior review under R. 40.2(e) PCT, no additional fees are to be refunded.
1. X As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claim: 12; 14 and 15 (partially)

Nitrate salts of drugs used for the incontinence and which do not contain in the molecule a nitric oxide donor group, formulations containing them and their use as a medicament.

2. Claim: 13; 14 and 15 (partially)

Organic or inorganic salts of compounds inhibiting phosphodiesterases, formulations containing them and their use as a medicament.

3. Claim: 14 (partially)

Formulations containing nitric oxide donor drugs, salified and non salified of formula A-X1-N(0)z as defined in claim 1 of the present application.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 12-15 (all of them partially)

Present claims 12-15, as far as they depend on claims 1 and 6, relate to an extremely large number of possible compounds or formulations. The term "drugs used for the incontinence" used in claim 1 encompasses an unlimited group of compounds, which is permanently changing, so that a complete search is impossible. In fact, the claims contain so many options that a lack of conciseness within the meaning of Article 6 PCT arises. The same reasoning applies mutatis mutandis for the functional terms used in claim 6 for the groups B'1-B'9 and B'11 and in claim 1 for group C. Consequently, the search of claims 12-15 has been carried out for those parts of the application which do appear to be concise, namely for the concrete compounds mentioned in claims 6 (group B'10), 7 and 8.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

tr onal Application No PCT/EP 01/08734

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